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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/912,616
Filing Date	July 24, 2001
First Named Inventor	Vladimir Segal et al.
Art Unit	1742
Examiner Name	Morillo, Janell Combs
Attorney Docket Number	30-5004(4015)DIV3

Total Number of Pages in This Submission

### ENCLOSURES (Check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment/Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation
- ☐ Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_

- ☐ After Allowance communication to Technology Center (TC)
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):  
2 return receipt postcards; copy of cited references

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Jennifer J. Taylor, Ph.D., Reg. No. 48,711; Wells St. John P.S.
Signature	<i>Jennifer J. Taylor</i>
Date	<i>August 24/2004</i>

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Jaimie M. White
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Signature	<i>Jaimie M. White</i>
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Date	<i>8/24/04</i>
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. .... 09/912,616  
Filing Date .... July 24, 2001  
Inventor .... Vladimir Segal et al.  
Assignee .... Honeywell International Inc.  
Group Art Unit .... 1742  
Examiner .... Morillo, Janell Combs  
Attorney's Docket No. .... 30-5004-DIV3  
Title: Alloys Formed From Cast Materials Utilizing Equal Channel Angular Extrusion

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

References - - See attached Form PTO-1449

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449. No admission is made regarding whether all the submitted references are prior art.

This Supplemental Information Disclosure Statement is being filed after the filing of the Request for Continued Examination (RCE) Application and before receipt of the first Office Action on the merits. Therefore, no fee is believed to be required. However, in the event that a fee is required for filing this Supplemental Information Disclosure Statement, please charge the fee specified under 37 C.F.R. §1.17(p) to Deposit Account No. 23-0925. Please credit Deposit Account No. 23-0925 with any overpayment of the above fee.

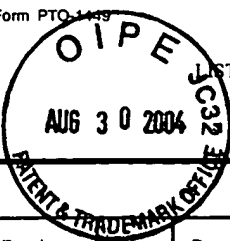
Citation of these references is respectfully requested.

Respectfully submitted,

Date:

August 24, 2004

Jennifer J. Taylor  
Jennifer J. Taylor, Ph.D.  
Reg. No. 48,711

LIST OF ART CITED BY APPLICANT  
(Use several sheets if necessary)APPLICANT  
Vladimir Segal et al.FILING DATE  
July 24, 2001GROUP  
1742

## U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AA						

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation	
					Yes	No
AM						

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

AO	V. M. Segal et al., "Processes of Plastic Structure Formation", Science and Engineering , 1994, published in Russia, Chapters 1, 3 and 4, with Statement in Accordance with 37 CFR 1.98(a)(3)(i).
AP	
AQ	
AR	
AS	
AT	
AU	
AV	
AW	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

STATEMENT IN ACCORDANCE WITH 37 CFR 1.98(a)(3)(i)

I, Vladimir M. Segal, hereby set forth a concise statement of the relevance of the non-English language document "Processes of Plastic Structure Formation", by V.M. Segal, V. I. Reznikov, V.I. Kopylov, D. A. Pavlik, and V. F. Malyshev; Minsk, Science and Engineering, (1994) which was published in Russia (in the Russian language). As one of the authors of the Russian document, I am the individual designated in 37 CFR 1.56(c) who is most knowledgeable about the content of the document.

The portions of the reference of possible relevance are Chapters 1) Simple shear in material processing; Chapter 3) Equal channel angular extrusion processing; and Chapter 4) Forging and extrusion with additional shear. Chapter 1 is primarily a discussion of the theory of shear and includes theoretical analysis of stress-strain that occurs during equal channel angular extrusion (ECAE). Chapter 3 is a presentation of concepts associated with the ECAE process, apparatus for conducting ECAE, and various ECAE processing routes. Chapter 4 discusses combined processing, analysis of combined loading and extrusion with transverse shear.

The relevance of the portions of the reference indicated above is with respect to general ECAE processing techniques and apparatus parameters, and the effect of these parameters on shear produced during the ECAE processing.

Dated: July 19, 2007

By: Vladimir Segal  
Vladimir M. Segal